

ABSTRACT

A server (10) enables users (A-B) sharing the same working machine (1) to mutually monitor a usage state by each user. The server (10) receives a user ID, the working time, the engine cooling water temperature, and the current position that are detected in the working machine (1) through a satellite communication network, and calculates the usage time, the usage location, the load amount, and a usage proportion for each user. The server (10) sends a warning to the user terminals 20 when the usage time or location is not as planned, or the load amount is excessive. The server (10) periodically reports the usage times and locations, the load amounts, and the usage proportions for the users (A-B) to the user terminals (20). The server (10) allocates maintenance costs of the working machine (1) automatically between the users (A-B) according to the usage proportions of the users (A-B).